



Great Salt Lake Minerals Corporation

765 North 10500 West, Ogden, UT 84404 731-3100 Fax: (801) 731-4881

Darron Haddock
Minerals Reclamation Program
Utah DNR Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801

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JAN 24 2005
DIV. OF OIL, GAS & MINING

Dear Darron,

Attached is M570002 Little Mountain Plant 2004 Annual Report of Mining Operations.

Please refer questions to (801) 732-3251.

Sincerely,

Mark Kaschmitter
Environmental Engineer

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1594 West North Temple, Suite 1210, P.O. Box 145801
Salt Lake City, Utah 84114-5801
Telephone: (801) 538-5340 Fax: (801) 359-3940

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DIV OF OIL GAS & MINING

ANNUAL REPORT OF MINING OPERATIONS

The informational requirements of this form are based on provisions of the Mined Land Reclamation Act, Title 40-8, Utah Code Annotated 1953, as amended, and the General Rules as promulgated under the Utah Minerals Regulatory Program. An operator conducting mining operations under a Notice of Intention must file an annual operations and progress report (FORM MR-AR) with the Division.

I. General Information

1. Report Time Period: From (mo./yr.) Jan. 2004 To (mo./yr.) Dec. 2004
2. DOGM File Number (Mine No): M/057/002
3. Mine Name: Great Salt Lake Minerals
4. Minerals(s) Mined (or permitted to mine): Salts, Salt Products, and Products
Derived From Salts used to produce Sodium Chloride, Potassium Sulfate, and
Magnesium Chloride
5. Type of Mine: ☒ Surface Mine
6. Legal Description (Location of Lands Affected):
Refer to DWG 800-11-05-019, DWG 800-11-05-020, DWG 101-01-05-036 & DWG 101-11-05-039
Township 6 North, Range 3 West (SLBM):
Portions of Sections 6 and 7
Township 6 North, Range 4 West:
Portions of Sections 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 and 15
Township 6 North, Range 5 West:
Portions of Sections 1, 2, 3, 10, 11, 12, 14, 15, 22, 23, 27, 28, 31, 32 and 33
Township 6 North, Range 6 West:
Portions of Sections 25, 26 and 36
Township 6 North, Range 9 West:
Portions of Sections 6, 7, 8 and 9
Township 6 North, Range 10 West:
Portions of Sections 1, 2, 3, 4, 5, 6, 9, 10, 11 and 12
Township 6 North, Range 11 West:
Portions of Sections 1, 2 and 12
Township 7 North, Range 3 West:
Portions of Sections 7, 8, 17, 18, 19, 20, 29, 30, 31 and 32
Township 7 North, Range 4 West:
Portions of Sections 12, 13, 14, 22, 23, 24, 25, 26, 27, 28, 32, 33, 34, 35 and 36
Township 7 North, Range 10 West:
Portions of Sections 8, 15, 16, 17, 18, 19, 20, 21, 22, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35 and 36
Township 7 North, Range 11 West:
Portions of Sections 13, 23, 24, 25, 26, 35 and 36
7. Name of Operator or Company: Great Salt Lake Minerals Corporation
8. Permanent Street Address: 765 North 10500 West
City, State Zip: Ogden, Utah 84404
Phone: (801) 731-3100
9. Company Representative (or designated operator):
Name: Corey Milne*
Title: General Manager
Business Address: 765 North 10500 West
City, State, Zip: Ogden, Utah 84404
Phone: (801) 731-3100

☒ **Please check if any of the above information has changed since previous year.**

II. Mining and Reclamation

1. Was there any mine related activity during the past year? Yes ☒ No ☐
2. If no - what was the last year of activity?
3. If yes - how much ore or mineral was mined? See 4
4. Briefly describe the type of work performed, volume of material moved, and any new or additional surface disturbances that occurred during the past year.
 - A. Mineral extraction by solar evaporation is authorized by State of Utah Royalty Agreement No. 19024 dated September 1, 1962. Minerals produced and reported to the State of Utah in 2004 included sulfate of potash (arcanite), sodium chloride (halite), magnesium chloride solution, and magnesium chloride hexahydrate (bischofite).
 - B. West desert pond dike repair continued on the Clymer Bay dikes with 58,050 cubic yards of rock from Strongs Knob Borrow and used to raise dikes to offset increasing salt floor depth and to chase after the receding Great Salt Lake level. No additional acres disturbed
 - C. 3,400 cubic yards of rock and 15,000 cubic yards of sand* were hauled from Little Mountain-South Borrow to repair the perimeter dikes of ponds 96, 97, and 98.
 - D. 19,337 cubic yards of rock was moved a short distance at Little Mountain-North Borrow to reroute the east side of the potash stockpile tipple away from the flotation plant.
 - E. Notice Of Intent to revise mining operations was submitted 9/10/04 for Pond 1B dike construction. Clay dikes were completed on 3 sides of the 2,500 acre pond from adjacent mudflats.
5. How much additional acreage was disturbed during the past year?
* 2 acres disturbed for sand removed from the Little Mountain-South Borrow area.
6. How much acreage was reclaimed during the past year? -0-
7. Briefly describe the reclamation work performed during the past year. This description should include methods employed, and an evaluation of the results.
Natural growth of vegetation is returning to the borrow areas.
8. What is the total disturbed acreage at year's end?
Bear River Bay Evaporation Ponds 19,355 acres + 2,500 acres = 21,855 acres
West Desert Evaporation Ponds 23,000 acres
Little Mountain Borrow-South 74* acres T6N R3W + 2 acres = 76 acres
Little Mountain Borrow-North 10 acres T6N R3W
Pokes Point Borrow 80 acres T6N R5W
Strongs Knob West Desert Borrow 23.8 acres T6N R9W (Leased Land)
9. Briefly summarize any mining and/or reclamation plans for the upcoming year.
Pond 1B dike construction is expected to haul 60,000 cubic yards of rock from Little Mountain-South Borrow beginning January 2005. No additional disturbed acres expected.

III. Additional Information

1. The operator shall include an updated map depicting surface disturbance and reclamation performed during the year, prepared in accordance with Rule R647-4-105.
2. The operator shall keep and maintain timely records relating to his performance under the Act, and shall make these records available to the Division upon request.

IV. Signature Requirement

I hereby certify that the foregoing is true and correct.

Name and Title of Operator: Corey Milne, General Manager

Signature of Operator and Date:

Corey R Milne 1/21/05